

McDougal Littell MathThematics, Book 2, Pupil Edition

The [Book 2] Pupil's Edition is part of the NSF-funded MathThematics middle school program that offers a discovery-based approach to mathematics, blending a comprehensive curriculum of algebra, geometry, statistics, probability, and number concepts, with student-friendly instruction. Thematic modules present concepts in the context of relevant and meaningful applications and themes.

Contract Price

\$71.34

Grade

6,7,8,9

TYPE

P1

Copyright

2008

Author

Billstein, et al.

Edition

2nd

Content

Math grade 7

Readability

750 Lexile Score

Accessibility

Nimas MathML

Research

Contact sales representative for assistance

Teacher Edition

9780618656103 \$76.83

McDougal Littell MathThematics Book 2, Teacher Edition

Essential Items

Ancillary Items

Free with Purchase items

9780030397394 Scanner

Upon request, choice of One Scanner or Electronic Student Response System with a minimum purchase

9780030430541 LCD Projector

Upon request, choice of one(1) Technology Equipment for every 75 Student Editions purchased. Limit

9780030671173 Electronic Student Response System

Upon request, choice of One Scanner or Electronic Student Response System with a minimum purchase

9780030933981 Laptop Computer

Upon request, choice of one(1) Technology Equipment for every 75 Student Editions purchased. Limit

9780030996801 Interwrite Schoolpad

Upon request, choice of one(1) Technology Equipment for every 75 Student Editions purchased. Limit

9780547000893 McDougal Littell MathThematics Book 2 Resource Manager \$329.04

Upon request, one per teacher, year of purchase.

9780547001111 McDougal Littell MathThematics Book 2 Student Workbook \$1.50

Upon request, one per teacher, year of purchase. PLUS one per student edition purchased, life of

9780547003856 McDougal Littell MathThematics Book 2 ExamView Suite 6.0 Test \$185.61

Upon request, one per teacher, year of purchase.

9780547003856 McDougal Littell MathThematics Book 2 ExamView Suite 6.0 Test \$185.61

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9780547007748 McDougal Littell MathThematics Book 2 Professional Development \$125.37

Upon request, one per teacher, year of purchase.

9780547007748 McDougal Littell MathThematics Book 2 Professional Development \$125.37

Upon request, one per teacher, year of purchase.

9780554003252 Holt McDougal Mathematics Course 2, Kentucky Student Edition \$62.40

Upon request, in the initial year of purchase choose one (1) class set of McDougal Littell MathThematics

9780554004457 Holt McDougal Mathematics Course 2, Kentucky Teacher's Edition \$96.75

Upon request, in the initial year of purchase choose one (1) class set of McDougal Littell MathThematics

9780554013800 Holt McDougal Mathematics Course 2, Kentucky Teacher's One-Stop \$125.00

Upon request, in the initial year of purchase choose one (1) class set of McDougal Littell MathThematics

9780618656073 McDougal Littell MathThematics Book 2 Pupil Edition \$71.34

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9780618946006 McDougal Littell MathThematics Book 2 @HomeTutor CD-ROM \$24.00

Upon request, one per teacher, year of purchase. PLUS one per student edition purchased, life of

9780618946006 McDougal Littell MathThematics Book 2 @HomeTutor CD-ROM \$24.00

Upon request, one per teacher, year of purchase. PLUS one per student edition purchased, life of

9780618946020 McDougal Littell MathThematics Book 2 Activity Generator CD-ROM \$78.63

Upon request, one per teacher, year of purchase.

9780618946020 McDougal Littell MathThematics Book 2 Activity Generator CD-ROM \$78.63

Upon request, one per teacher, year of purchase.

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Each teacher may select GRATIS CHOICE 1 or GRATIS CHOICE 2 – in the initial year of purchase and

Gratis Choice 1

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Gratis Choice 1

McDougal Littell MathThematics Book 2 Resource Book Modules 1

McDougal Littell MathThematics Book 2 Resource Book Modules 3

McDougal Littell MathThematics Book 2 Resource Book Modules 5

McDougal Littell MathThematics Book 2 Resource Book Modules 7and

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 9780618656073		Publisher - Holt McDougal, A Division of Houghton Mifflin Harcourt Publishing Company		Provided by the Publisher
	McDougal Littell MathThematics, Book 2, Pupil Edition				
	Type - P1	Author - Billstein, et al.			
	Copyright - 2008	Edition - 2nd	Readability - 750 Lexile Score		
	Course - Math grade 7		Grade(s) - 6,7,8,9		
Teacher Edition ISBN if applicable 9780618656103					

Overall Recommendation:	Recommended as BASAL
Overall Strengths, Weaknesses, Comments:	if this box is not checked, the evaluators have chosen NOT recommend as basal
<p>The text adequately addresses the Program of Studies for the grade level. The textbook includes many problems that involve higher-order thinking skills. Connections between mathematics concepts are evident throughout.</p>	

NIMAC Accessibility NML

Ancillary Yes

Free with Purchase Yes

Research Yes Contact sales representative for assistance

The [Book 2] Pupil's Edition is party of the NSF-funded MathThematics middle school program that offers a discovery-based approach to mathematics, blending a comprehensive curriculum of algebra, geometry, statistics, probability, and number concepts, with student-friendly instruction. Thematic modules present concepts in the context of relevant and meaningful applications and themes.

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence	
Text is designed to be used in an elective course outside the Program of Studies	
1) Includes the 5 Big Ideas of mathematics to the following extent:	
a) Number Properties and Operations	Strong Evidence
b) Measurement	Strong Evidence
c) Geometry	Strong Evidence
d) Data Analysis and Probability	Strong Evidence
e) Algebraic Thinking	Strong Evidence
2) Addresses content-specific enduring understandings from the related Program of Studies standards.	Strong Evidence
3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong Evidence

4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Strong Evidence
6) Strengths, Weaknesses, Comments: <ul style="list-style-type: none"> • Specific strengths-which areas/concepts are covered exceptionally well? • Specific weaknesses-which areas/concepts would likely require supplementing? <p>The textbook addresses all relevant concepts from the Program of Studies.</p>	

B. Functionality & Suitability	Strong Evidence
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1) Suitability	Strong Evidence
<ul style="list-style-type: none"> • Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 	
2) Content quality	Strong Evidence
<ul style="list-style-type: none"> • Free from factual errors • Content is presented conceptually when possible—more than a mere collection of facts • Content included accurately represents the knowledge base of the discipline • Theories/scientific models contained represent a broad consensus of the scientific community • Interconnections among mathematical topics 	
3) Connections to Literacy	Strong Evidence
<ul style="list-style-type: none"> • Employs a variety of reading levels and is grade/level appropriate • Use of multiple representations-concrete, visual/spatial, graphs, charts, etc. • Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. • Student text provides opportunity to integrate reading and writing • Uses vocabulary that is age and content appropriate • Focuses on critical vocabulary vs. extensive lists • Identifies key vocabulary through definitions in both text and glossary • The text is engaging and facilitates learning • Embedded activities enhance the understanding of the text <p><i>Note: may apply to either student or teacher editions</i></p>	
4) Connections to Technology	Moderate Evidence
<ul style="list-style-type: none"> • Integrates technology and reflects the impact of technological advances • Uses technology in the collection and/or manipulation of authentic data • Embeds web links as a mathematics resource. 	
5) Support for Diverse Learners	Moderate Evidence
<ul style="list-style-type: none"> • Provides support for ESL students • Provides support for differentiation of instruction in diverse classrooms • Challenge for gifted and talented students • Support for students with learning difficulties 	

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Use of graphing calculators is evidenced. The variety in difficulty level of problems makes the activities valuable for learners of all levels. English-language learners may have difficulty with the reading.

C. Supports Inquiry and Skill Development

Strong Evidence

1) Promotes Inquiry, research and Application of Learning

Strong Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Activities frequently involve higher-order thinking and connect well to other mathematics concepts as well as concepts from other fields of study. Many extensions are included.

D. Supports Best Practices of Teaching and Learning

Strong Evidence

1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations,

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Mathematics (2009 – 2015)

experiments, and data gathering.

- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Activities are based on a wide range of real-world situations, enhancing student interest. The use of a variety of strategies allows all students to access the curriculum. Assessments are at a variety of DOK levels, with many scaffolded DOK3 questions.

E. Has an Organization/ Format that Supports Learning and Teaching

Moderate Evidence

1) Organizational Quality

Moderate Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Little or No Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

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The modular nature of textbook allows for teacher choice in the order of presentation.
Connection between topics in the modules is sometimes forced (e.g., the main problems may all relate to science), but is usually logical. Lessons include objectives.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Little or No Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Ancillary materials include extra practice problems.